



Q86151.ST25.txt
SEQUENCE LISTING

<110> N. H. H. Corporation
<120> Primer and probe for detecting *Vibrio vulnificus* and detection method using the same
<130> Q86151
<140> US 10/524,860
<141> 2005-02-18
<150> PCT/JP2003/010846
<151> 2003-08-27
<160> 20
<170> PatentIn version 3.3
<210> 1
<211> 885
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: consensus sequence of the *gyrB* gene of the cluster to which *Vibrio vulnificus* belongs
<400> 1
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ctrytkacga ttcattcgtg tggtcatacy cayagccaaa cctatcgtca tgggtgtgcct 120
gatgcaccgc ttgtatcat cggygatacy gaaaaaacgg gtaccacggg acgtttctgg 180
ccaagtgcks aaaccttcas caacatcgaa ttctattatg acatcctagc gaagcgtyta 240
cgtgagctct ctttyctgaa ctckggcgtg tckatcaaac tgtttgatga gcgcgaagaa 300
gataagraag atcacttcat gtatgaagggt ggtattcaag cgtytytyac tcacttgaac 360
cgcaacaara cmcccatcca tgaaaaagta ttccatttya aykcygagcg tgaagacggk 420
attgckgttg aagtggcgat gcagtgaac gatggyttcc aagaaaacat ctactgtttt 480
accaacaaca tcccacagcg tgaygggtgg acccacttag cgggttttcc ygcggcattg 540
acgcgcacay tgaacagcta catggacaaa gaaggytact craagaaagc gaaaaccgcg 600
acttctggyg aygatgcgcg tgaaggtttg acygcwgytg tttcagthaa agtrccggat 660
ccaaaattct caagccaaac yaaagacaaa ctggttttcta gygaagtraa gtccgcagtg 720
gaatccttca tggcagacaa actgaacgac ttcttrgcyg arcaccaag cgaagcgaaa 780
accgtttgtt ctaagattat cgacgccgca cgtgcgcgtg aagcagcrgc taaagcgcgt 840
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<210> 2
<211> 819
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: consensus sequence of the rpoD gene of the cluster to which *Vibrio vulnificus* belongs

<220>

<221> misc_feature

<222> (280)..(285)

<223> n is a, c, g, or t

<400> 2

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actcgtgaag gcgaaatcga catcgctaam cgaattgaag atggtatcaa ccaagtacag      60
tcstctgttg ctgaataccc aggaaccatt ccttatattc tkgaacagtt cgacaaagta    120
caagcggaag aacttcgcct mactgatctt atcagtggtt ttgttgatcc aaatgcagat    180
gaaacggcwg ctccaaccgc aacacacaty gggttcagagc ttgcagaatc tgatttgga    240
gatgaagaca ayaccgacat cgacgatgaa gacgaagayn nnnnngaaga tggcgattca    300
agcagygatt cagaggamga tgtcggcatc gaccctgaaa tggcgctaga gaagttyact    360
carcttcgta acagctayca gaatctgcaa cttgccktra atgaacatgg tcgagagagt    420
gctcaaacag ctcaagccca tgaactgatg ctcgatgtgt ttaaagagtt tcgtctaacd    480
ccgaagcagt ttgaccattt ggттаacgaa cttcgcaccg cyatggatcg cgttcgtack    540
caagarcgyt tgatcatgaa rtctgcggtg gaaatcgcsa aratgccraa gaartcktty    600
atygcwctct tyactggcaa cgartcwarc gaagaatggg tagatmagat cctmgyytct    660
gayaagccrt acgyagaaaa gatyaaarctk cacgaagaag acattcgtcg ttcaatcdcc    720
aagctaagag caattgaaga agaaacgtcg ctttcagtra rcaacatcaa agacatcagc    780
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<210> 3

<211> 648

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: consensus sequence of the recA gene of the cluster to which *Vibrio vulnificus* belongs

<220>

<221> misc_feature

<222> (330)..(330)

<223> n is a, c, g, or t

<400> 3

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cacgcgttrg atcctgtgta tgcgaagaar cttggcgtwa atatcgacca rtrtttggtg    180

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tctcagccyg ayacbggtga acaagcrttg gaaatctgtg atgckcttgc tcgctcaggk	240
gcggttgayg ttattgttgt cgaytctgtk gcmgcattga crccaaaggc agaaatygaa	300
ggtgagatgg gygaytcgca catgggtctn caagctcgta tgctmtctca agcgatgcgt	360
aagytaacgg gkaacctaaa rcagtctaac tgtatgtgta tcttcatyaa ccagatycgt	420
atgaagatyg gkgatgatgtt tggtaaycca gaaaccacaa crggtggtaa cgcwctgaaa	480
ttctacgctt ctgtwcgtct tgatattcgc cgtactgggtg cratcaaaga aggygatgag	540
gtmgtgggta aygaaacgcg yatcaaagtg gtgaagaata agatcgctgc gccgtttaa	600
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<210> 4
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

<400> 4	
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<210> 5
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

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<210> 6
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 6	
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<210> 7
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<220>
 <223> Description of Artificial Sequence: primer

<400> 7

gtccatgtag ctgttcart

19

<210> 8
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 8
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21

<210> 9
 <211> 19
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 9
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19

<210> 10
 <211> 19
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 10
 gttcgacaaa gtacaagcg

19

<210> 11
 <211> 18
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 11
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18

<210> 12
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: primer

<400> 12
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16

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<210> 13
 <211> 19
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 <223> Description of Artificial Sequence: primer
 <400> 13
 cktraatgaa catggtcga 19

<210> 14
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 <223> Description of Artificial Sequence: primer
 <400> 14
 gaactgatgc tcgatgtgtt t 21

<210> 15
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 <223> Description of Artificial Sequence: primer
 <400> 15
 aatgtcttct tcgtgmagyt 20

<210> 16
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 <400> 16
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<210> 17
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 <223> Description of Artificial Sequence: primer
 <400> 17
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<210> 18
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<223> Description of Artificial Sequence: primer

<400> 18

tatcgaccar ttrttggta

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<210> 19

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 19

aagmgcatca cagatttcca a

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<210> 20

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 20

tcaaccgcmc ctgagcgagc a

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